

Wei Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1553062/publications.pdf>

Version: 2024-02-01

12
papers

755
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

815
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning of serum metabolic patterns encodes early-stage lung adenocarcinoma. <i>Nature Communications</i> , 2020, 11, 3556.	12.8	151
2	Metabolic Fingerprinting on a Plasmonic Gold Chip for Mass Spectrometry Based <i>in Vitro</i> Diagnostics. <i>ACS Central Science</i> , 2018, 4, 223-229.	11.3	106
3	A Multifunctional Platinum Nanoreactor for Point-of-Care Metabolic Analysis. <i>Matter</i> , 2019, 1, 1669-1680.	10.0	88
4	High Performance, Multiplexed Lung Cancer Biomarker Detection on a Plasmonic Gold Chip. <i>Advanced Functional Materials</i> , 2016, 26, 7994-8002.	14.9	84
5	Diagnosis and prognosis of myocardial infarction on a plasmonic chip. <i>Nature Communications</i> , 2020, 11, 1654.	12.8	83
6	Detection and Inhibition of Bacteria on a Dual-Functional Silver Platform. <i>Small</i> , 2019, 15, e1803051.	10.0	54
7	Magnetic "Squashing" of Circulating Tumor Cells on Plasmonic Substrates for Ultrasensitive NIR Fluorescence Detection. <i>Small Methods</i> , 2019, 3, 1800474.	8.6	52
8	Rapid Computer-Aided Diagnosis of Stroke by Serum Metabolic Fingerprint Based Multi-Modal Recognition. <i>Advanced Science</i> , 2020, 7, 2002021.	11.2	50
9	Serum Metabolic Fingerprints on Bowl-Shaped Submicroreactor Chip for Chemotherapy Monitoring. <i>ACS Nano</i> , 2022, 16, 2852-2865.	14.6	47
10	Ultra-Fast Label-Free Serum Metabolic Diagnosis of Coronary Heart Disease via a Deep Stabilizer. <i>Advanced Science</i> , 2021, 8, e2101333.	11.2	30
11	Ultrasensitive Detection of Alzheimer's Amyloids on a Plasmonic-Gold Platform. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 57036-57042.	8.0	7
12	Deep Learning Framework for Integrating Multibatch Calibration, Classification, and Pathway Activities. <i>Analytical Chemistry</i> , 0, , .	6.5	3